## **WEST Search History**

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DATE: Thursday, December 23, 2004

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	DB=PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=ADJ			
	L98	L97 and (emission or emit\$4 or transmission or transmissivity or transmit\$4 or abs rb\$4 or absorpt\$4)	2	
	L97	L96 and (Cassegrain or horn or ((parabolic\$4 or parabola) with (reflect\$4 or antenn\$2)))	2	
$\Box$	L96	L94 and (planar\$2 or slic\$3 or plane or slab)	2	
	L95	L94 and (attenuat\$4 or azimuth\$4)	0	
	L94	L93 and ((internal\$3 or inside or "within" or inner) with (subject or object or target or patient or "thing" or structure))	2.	
	L93	L92 and (intersect\$6 or interact\$4 or perpendicula\$3 or orthogonal\$3 or nonparallel or "non-parallel" or cross\$4)	2	
	L92	L91 and ((puls\$4 or train or continuous\$2) with (rf or frequency or (radio with frequency) or radiofrequency or radio-frequency))	2	
n	L91	L5 and ((simultaneous\$3 or ("same" with "time")or multiplex\$4 or multiplex\$4) with ((radio adj frequency) or RF or radio-frequency))	2	
	L90	L89 and ((simultaneous\$3 or ("same" with "time")or multiplex\$4 or multiplex\$4) with ((radio adj frequency) or RF or radio-frequency))	0	
	L89	6507309	9	
	L88	L86 and (Cassegrain or horn or ((parabolic\$4 or parabola) with (reflect\$4 or antenn\$2)))	4	
	L87	L86 and ((simultaneous\$3 or ("same" with "time")or multiplex\$4 or multiplex\$4) with ((radio adj frequency) or RF or radio-frequency))	1	
	L86	5363050	20	
	L85	L84 and ((puls\$4 or train or continuous\$2) with (rf or frequency or (radio with frequency) or radiofrequency or radio-frequency))	16	
	L84	L83 and (intersect\$6 or interact\$4 or perpendicula\$3 or orthogonal\$3 or nonparallel or "non-parallel" or cross\$4)	42	
	L83	L82 and ((internal\$3 or inside or "within" or inner) with (subject or object or target or patient or "thing" or structure))	43	
	L82	L81 and (Cassegrain or horn or ((parabolic\$4 or parabola) with (reflect\$4 or antenn\$2)))	75	
n	L81	L80 and ((simultaneous\$3 or ("same" with "time")or multiplex\$4 or multiplex\$4) with ((radio adj frequency) or RF or radio-frequency))	3031	
	L80	(medical or diagnostic\$5 or diagnosis or therapy or theraputic\$4 or "x-ray" or xray or therapeutic\$4)	1090042	
	L79	L78 and (Cassegrain or horn or ((parabolic\$4 or parabola) with (reflect\$4 or antenn\$2)))	5	

	L78	L77 and ((simultaneous\$3 or ("same" with "time")or multiplex\$4 or multiplex\$4) with ((radio adj frequency) or RF or radio-frequency))	474
	L77	L76 and (simultaneous\$3 or ("same" with "time")or multiplex\$4 or multiplex\$4)	10695
	L76	((MRI or NMR or (magnetic adj resonance)) with (medical or diagnostic\$5 or therapy or theraputic\$4 or "x-ray" or xray or therapeutic\$4))	22457
	L75	L72 not L74	5
	L74	L73 and (spatial\$3 or position\$4 or locat\$4 or orient\$4 or orientation)	27
	L73	L72 and (planar\$2 or slic\$3 or plane or slab)	27
E	L72	L71 and (attenuat\$4 or azimuth\$4)	32
	L71	L70 and ((internal\$3 or inside or "within" or inner) with (subject or object or target or patient or "thing" or structure))	43
	L70	L69 and (intersect\$6 or interact\$4 or perpendicula\$3 or orthogonal\$3 or nonparallel or "non-parallel" or cross\$4)	80
	L69	L68 and ((beam\$4 or ray or wave or wavelength or wave-length or "wave length" or "lamda" or radiat\$4 or radiation or electromagnetic\$4 or electromagnetic\$4 or "EM" or "e-M") with ((radio adj frequency) or RF or radiofrequency))	93
	L68	L66 and ((puls\$4 or train or continuous\$2) with (rf or frequency or (radio with frequency) or radiofrequency or radio-frequency))	260
	L67	L65 and ((puls\$4 or train or continuous\$2) with (rf or frequency or (radio with frequency) or radiofrequency or radio-frequency))	260
	L66	L65 and(puls\$4 or train or continuous\$2)	578
$\Box$	L65	L64 and (simultaneous\$3 or ("same" with "time") or "together" or multiplex\$4 or multi-plex\$4)	791
	L64	L63 and (subject or object or target or patient or "thing")	955
	L63	L62 and (transmit\$4 or absorb\$4 or non-reflect\$3 or emit\$4 or absorpt\$4 or "sent")	1069
	L62	L61 and (beam\$4 or ray or wave or wavelength or wave-length or "wave length" or "lamda" or radiat\$4 or radiation or electromagnetic\$4 or electromagnetic\$4 or "EM" or "e-M")	1155
n	L61	L60 and (rf or frequency or (radio with frequency) or radiofrequency or radio- frequency)	1172
$\Box$	L60	L59 and (image or imaging or scan\$5 or tomography or tomograph or tomographical\$3)	1559
	L59	L58 and ((parabolic\$4 or parabola) with (reflect\$4 or antenn\$2))	3804
	L58	(waveguid\$4 or wave-guid\$4 or "wave guid\$4" or (horn with antenn\$2) or (cassegrain with antennn\$2 or cassegrain or horn))	231894
	L57	L56 and (waveguid\$4 or wave-guid\$4 or "wave guid\$4" or (horn with antenn\$2) or (cassegrain with antennn\$2))	4
	L56	L55 and (beam\$4 or image or imaging or scan\$4 or ray or wave or wavelength or wave-length or "wave length" or "lamda")	11
$\Box$	L55	L54 and (medical or diagnostic\$5 or MRI or NMR or (magnetic adj resonance) or therapy or theraputic\$4 or "x-ray" or xray or therapeutic\$4)	11

L54	L53 and (detect\$4 or sens\$4 or receiv\$4 or reception)	78
L53	L52 and (rf or frequency or (radio with frequency) or radiofrequency or radio- frequency)	86
L52	L51 and (simultaneous\$3 or ("same" with "time") or "together")	104
L51	L2 and (scatter\$4 or backscatter\$4 or "back scatter\$4" or nonreflect\$4 or non-reflect\$4 or "non reflect\$4" or absorb\$4 or absorption)	149
L50	L49 and (medical or diagnostic\$5 or MRI or NMR or (magnetic adj resonance))	27
L49	5588032	34
L48	L47 and (medical or diagnostic\$5 or MRI or NMR or (magnetic adj resonance))	9
L47	L43 and (transmit\$4 or absorb\$4 or non-reflect\$3 or emit\$4 or scatter\$4)	19
L46	L45 and (medical or diagnostic\$5 or MRI or NMR or (magnetic adj resonance))	12
L45	L44 and (transmit\$4 or absorb\$4 or non-reflect\$3 or emit\$4 or scatter\$4)	18
L44	5030956	19
L43	5227797	20
L42	L41 and (security or screen\$4 or airport or luggage or wand\$4 or baton or contraband or drugs or weapon or firearm or gun)	9
L41	L40 and (medical or MRI or NMR or (magnetic adj resonance))	17
L40	6005916	21
L39	L38 and (medical or MRI or NMR or (magnetic adj resonance))	2
L38	L29 and (security or screen\$4 or airport or luggage or wand\$4 or baton)	41
L37	L36 and (medical or MRI or NMR or (magnetic adj resonance))	1
L36	L29 and (security or screening or airport or luggage or wand\$4 or baton)	20
L35	(4622222  4727550  4798209  5227797  5588032  5667893)![pn]	12
L34	L33 and (medical or MRI or NMR or (magnetic adj resonance))	1
L33	L32 and (aperature or opening or hole)	25
L32	L31 and (map or mapping or mapped or identify\$4 or identification or identified or identity or determin\$7)	66
L31	L30 and (spatial\$3 or space or spaced or spacing)	70
L30	L29 and (planar or slice or plane or slab)	70
L29	L28 or L22	79
L28	L27 and ((beam\$4 or ray or wave or wavelength or wave-length or "wave length" or "lamda") with (transmit\$4 or absorb\$4 or non-reflect\$3 or emit\$4 or attenuat\$5))	62
L27	L25 and ((beam\$4 or ray or wave or wavelength or wave-length or "wave length" or "lamda") with ((radio adj frequency) or RF or radio-frequency))	66
L26	L25 and ((beam or ray or wave or wavelength or wave-length or "wave length" or "lamda") with ((radio adj frequency) or RF or radio-frequency))	64
L25	L24 and (internal\$3 or inside or "within" or inner)	173

	L24	L23 and (intersect\$6 or interact\$4 or perpendicula\$3 or orthogonal\$3)	177
	L23	L17 and (security or screening or airport or luggage or wand\$4 or baton or people or object or subject or patient)	211
П	L22	L21 and ((beam or ray or wave or wavelength or wave-length or "wave length" or "lamda") with (transmit\$4 or absorb\$4 or non-reflect\$3 or emit\$4 or attenuat\$5))	77
	L21	L20 and ((beam or ray or wave or wavelength or wave-length or "wave length" or "lamda") with ((radio adj frequency) or RF or radio-frequency))	83
	L20	L18 and (internal\$3 or inside or "within" or inner)	196
	L19	L18 and (intersect\$6 or interact\$4 or perpendicula\$3 or orthogonal\$3)	168
	L18	L17 and (security or screening or airport or luggage or wnad\$4 or baton or people or object or subject or patient)	202
	L17	L16 and (detect\$4 or sens\$4 or receiv\$4 or reception)	231
	L16	L15 and (power\$5)	233
	L15	L14 and (move or moving or movement or moved or motion or travel\$4 or path or trajector\$4 or rotat\$4 or tip\$4 or flip\$4 nutat\$4 or rotational\$2)	271
	L14	L13 and (image or imaging or imaged or scan\$5 or tomography or tomographic\$5)	278
	L13	L12 and (waveguid\$4 or wave-guid\$4 or "wave guid\$4" or (horn with antenn\$2) or (cassegrain with antennn\$2))	470
	L12	L11 and ((parabolic\$4 or parabola) with (reflect\$4 or antenn\$2))	1242
	L11	L10 and (axis or axes or axial\$2 or azimuth\$4 or angle)	33685
	L10	L9 and (cross or attenuat\$5)	53799
	L9	L8 and (beam or ray or wave or wavelength or wave-length or "wave length" or "lamda")	93950
	L8	L7 and (signal or puls\$3)	166476
	L7	L6 and (transmit\$4 or absorb\$4 or non-reflect\$3 or emit\$4)	209434
	L6	((radio adj frequency) or RF or radio-frequency)	380914
	L5	L4 and (internal\$3 or inner or inside or anatomy or organ or heart or brain or lung or kidney or pelvis or leg or ankle or wrist)	37
	L4	L3 and (image or imaging or scan\$5)	66
	L3	L2 and (scatter\$4 or backscatter\$4 or "back scatter\$4" or nonreflect\$4 or non-reflect\$4")	98
	L2	L1 and ((parabolic\$4 or parabola) with (reflect\$4 or antenn\$2))	490
	L1	Cassegrain	1835

## END OF SEARCH HISTORY